Toshiba recommends Windows 8.1

	Satellite C850-B989
Processor	3rd generation Intel® Core™ i3-3120M Processor. clock speed : 2.50 GHz. 3rd level cache : 3 MB.
Operating system	**Windows 8 Single Language 64-bit (pre-installed).**
Design Colour	colour : Dark Silver Finish with Crossline pattern, black keyboard .
System memory	standard : 4,096 MB. maximum expandability : 16,384 MB. technology : DDR3 RAM (1,600 MHz) .
Hard disk	capacity : 500 GB. drive rotation : 5,400 rpm.
DVD Super Multi drive (Double Layer)	compatibility : CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-R(DL), DVD-RW, DVD+R, DVD+R(DL), DVD+RW, DVD-RAM . maximum speed : Read: 24x CD-ROM, 8x DVD-ROM/ Write: 24x CD-R, 4x CD-RW, 10x HS CD-RW, 24x US CD-RW, 8x DVD-R, 6x DVD-R (Double Layer), 6x DVD-RW, 8x DVD+R, 6x DVD+R (Double Layer), 8x DVD+RW, 5x DVD-RAM . DVD Super Multi (Double Layer) drive .
Display	size : 39.6cm (15.6") . Toshiba TruBrite® HD TFT High Brightness display with 16 : 9 aspect ratio and LED backlighting . internal resolution : 1,366 x 768 .
Graphics adapter	Intel® HD Graphics 4000 . memory amount : up to 1,696 MB shared memory with 4 GB system memory installed (with pre-installed 64-bit operating system) .
Internal video modes	resolution : 1,366 x 768 .
Max. external video modes	max. resolution : 2,048 x 1,536 . max. refresh rate : 100 Hz. non-interlaced resolution with max. refresh rate : 1,600 x 1,200 .
Interfaces	1 x Multi-Card Reader (supports SD™ Card up to 2 GB, miniSD™/microSD™ Card with adapter up to 2 GB, SDHC™ Card up to 32 GB, SDXC™ Card up to 64 GB and MultiMedia Card™ up to 2 GB) . 2 x USB 2.0 . 1 x integrated 1.0MP HD Web Camera (1,280 x 800) with built-in microphone . 1 x HDMI-out supporting 1080p signal format . 1 x external monitor . 1 x external microphone . 1 x USB 3.0 . 1 x headphone (stereo) . 1 x RJ-45 .
Expansion	2 x memory slots .
Wireless communication	Compliancy : Wi-Fi®. Network Support : 802.11b/g/n . Manufacturer : Realtek . Wireless Technology : Wireless LAN . Manufacturer : Realtek . Wireless Technology : Bluetooth® 4.0 .
Wired communication	topology : Fast Ethernet LAN . speed : 10BASE-T/100BASE-TX . connector : RJ-45 .
Keyboard	keys : 102 . Windows keys : Yes . special features : Matt black tile keyboard and 10-digit numeric keypad .
Pointing device	Touchpad with multi-touch control supporting various scroll, zoom and launch functionalities at your fingertips. .
Battery	technology : lithium-ion . maximum life : up to 4h00min (Mobile Mark™ 2012) .
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage . output voltage : 19 V. output current : 3.42 A.
Physical dimensions	W x L x H : 380.0 x 242.0 x 33.52 mm. weight : starting at 2.3 kg.
Sound system	supported audio format : 24-bit stereo . speakers : built-in stereo speakers (boxless) .
Warranty	1 year international Carry-in. Toshiba also offers a large range of services to upgrade your standard warranty, please have a look at our website http://www.toshibamea.com/servicesolutions to find the right service for your product. .
Bundled hardware	AC adapter .
Bundled software	McAfee® Internet Security (includes complimentary 30 day subscription) .Microsoft® Office trial .Intel® AppUp Center .Intel® Rapid Storage Technology .Nero 12 Essentials .SRS Premium Sound HD™ .TOSHIBA Function Key .TOSHIBA Media Player by sMedio TrueLink+ .TOSHIBA Desktop Assist .TOSHIBA Service Station .TOSHIBA System Settings .TOSHIBA Tempro .TOSHIBA Eco Utility™ .McAfee® Security Advisor for Toshiba .Microsoft® FreshPaint .Microsoft® Solitair Collection .TOSHIBA PC Health Monitor .TOSHIBA Recovery Media Creator .TOSHIBA Places .TOSHIBA Resolution+ Plug-in for Windows Media Player .

Toshiba EasyMedia - Easy Entertainment	SRS Premium Sound HD™ .HDMI-out .
Toshiba EasyMedia - Easy Connectivity	Bluetooth® 2.1 with EDR .USB 3.0 .Built-in 1Mpix HD Web Camera & Microphone .
Toshiba EasyMedia - Easy Usability	Power-saving Eco Utility .Touch Pad Gestures .
Security features	user password .supervisor password .HDD password on request .slot for Kensington Cable Lock .
Special features	HD Audio supporting .Enhanced Intel® SpeedStep® Technology .SM BIOS compliant .ENERGY STAR 5.0 qualified computer .
Casework	polycarbonate ABS .
Certification	The manufacturer declares that this product complies with the following directives and regulations for the CE-marking. Responsible for CE marking is Toshiba Europe GmbH, Hammfelddam 8, 41460 Neuss, Germany. .

CPU performance may vary from specifications under certain conditions such as the use of battery instead of AC power, certain external peripherals, certain multimedia applications or network connections, complex modeling software and in areas with low air pressure at high altitude (1,000 metres above sea level) and/or certain temperatures. CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer may automatically shut down as a normal protective measure. To avoid risk of lost data, please make periodic back-up copies. For optimum performance, use your computer only under recommended conditions. Please read detailed restrictions in the product resource guide, visit the Toshiba web site: www.computers.toshiba-europe.com and/or contact Toshiba Technical Support. - Graphics processor unit (GPU) performance may vary depending on product model, design configuration, applications, power management settings and features utilized. - Part of the main system memory may be used by the graphics system and therefore reduce the amount of main system memory available. - For PCs configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration. - For information about upgrading your system memory please refer to the user manual or contact your local Toshiba service provider. - One GB means one billion bytes, accessible capacity may be less. - Wired and wireless communication capabilities to be applied in countries where approved. - Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your computer or visit the Toshiba web site at www.computers.toshiba-europe.com. - Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. - Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected. - Please check your system specifications to ensure optimal results. - Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis. - Performance may vary depending on product model, configuration, video content/format settings as well as the performance variations of individual hardware components. Results were achieved on select models and configurations tested by Toshiba at the time of publication.

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